SAFETY DATA SHEET
according to Regulation (EU) 2015/830

Tar and Glue Remover

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier
Product name: Tar and Glue Remover
Product code: QAFS828

1.2. Relevant identified uses of the substance or mixture and uses advised against
Product Use:
[SU21] Consumer uses: Private households (= general public = consumers);
[SU22] Professional uses: Public domain (administration, education, entertainment, services, craftsmen);
Description: No data is available on this product.

1.3. Details of the supplier of the safety data sheet
Company: SUPAGARD LIMITED
Address: 19-27 Gavinton Street
Muirend
Glasgow
G44 3EF
Web: www.supagard.co.uk
Telephone: 0141 633 5933
Fax: 01416377219
Email: James.Smyth@supagard.com
Email address of the competent person: James.Smyth@supagard.com

1.4. Emergency telephone number
Emergency telephone number: 01416335933
8.30am to 5.00pm

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

2.2. Label elements
Hazard pictograms:

Signal Word: Danger
Hazard Statement:
EUH066 - Repeated exposure may cause skin dryness or cracking.
Flam. Liq. 3: H226 - Flammable liquid and vapour.
Asp. Tox. 1: H304 - May be fatal if swallowed and enters airways.
STOT SE 3: H336 - May cause drowsiness or dizziness.
2.2. Label elements

Precautionary Statement: Prevention
P102 - Keep out of reach of children.
P280 - Wear protective gloves/protective clothing/eye protection/face protection.

Precautionary Statement: Response
P302+P350 - IF ON SKIN: Gently wash with plenty of soap and water.

Precautionary Statement: Storage

Precautionary Statement: Disposal
P501 - Dispose of contents/container to an approved disposal site, in accordance with local regulations.

2.3. Other hazards

Other hazards
PBT not identified as a PBT substance.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

<table>
<thead>
<tr>
<th>EC 1272/2008</th>
<th>Chemical Name</th>
<th>Index No.</th>
<th>CAS No.</th>
<th>EC No.</th>
<th>REACH Registration Number</th>
<th>Conc. (%w/w)</th>
<th>Classification</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Hydrocarbons, C9-11, N-alkanes, isoalkanes, Cyclics, &lt;2% Aromatic</td>
<td>919-857-5</td>
<td>01-2119463258-33</td>
<td>30 - 40%</td>
<td>Flam. Liq. 3: H226; Asp. Tox. 1: H304; STOT SE 3: H336;</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, &lt;2% aromatics</td>
<td>926-141-6</td>
<td>01-2119456620-43</td>
<td>40 - 50%</td>
<td>Asp. Tox. 4: H332; Acute Tox. 4: H312; Acute Tox. 4: H302; Eye Irrit. 2: H319; Skin Irrit. 2: H315;</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>2-butoxyethanol</td>
<td>603-014-00-0</td>
<td>111-76-2</td>
<td>203-905-0</td>
<td>1 - 10%</td>
<td>Acute Tox. 4: H332; Acute Tox. 4: H312; Acute Tox. 4: H302; Eye Irrit. 2: H319; Skin Irrit. 2: H315;</td>
<td></td>
</tr>
</tbody>
</table>

Further information

Product Shelf Life
RECOMMENDED SHELF LIFE 1 YEAR FROM DATE OF DELIVERY.

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation
Move the exposed person to fresh air.

Eye contact
Rinse immediately with plenty of water. Contact lenses should be removed.

Skin contact
Remove contaminated clothing. Wash with water and soap as a precaution.

Ingestion
DO NOT INDUCE VOMITING. Rinse mouth thoroughly.

4.2. Most important symptoms and effects, both acute and delayed

Inhalation
High concentration of vapour in enclosed space may cause irritation, headaches and nausea. May cause irritation to respiratory system. May cause drowsiness or dizziness.

Eye contact
May cause irritation to eyes.

Skin contact
May cause skin dryness and irritation. Prolonged contact may cause defatting of the skin. Prolonged or repeated exposure may cause: Skin irritation and dermatitis.

Ingestion
May be fatal if swallowed and enters airways.

4.3. Indication of any immediate medical attention and special treatment needed

Inhalation
TREAT SYMPTOMATICALLY.

Eye contact
Move the exposed person to fresh air. Seek medical attention if irritation or symptoms persist.

Skin contact
Contact lenses should be removed. Rinse immediately with plenty of water. Seek medical attention if irritation or symptoms persist.

Ingestion
Seek medical attention if irritation or symptoms persist.

Drink 1 to 2 glasses of water. Seek medical attention if irritation or symptoms persist.
**General Information**

If you feel unwell, seek medical advice (show the label where possible). Treat symptomatically.

### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

Flammable liquid. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

#### 5.2. Special hazards arising from the substance or mixture

Burning produces irritating, toxic and obnoxious fumes.

#### 5.3. Advice for firefighters

Wear suitable respiratory equipment when necessary.

### Further Information

In the event of a fire and/or explosion do not breath fumes. Standard procedure for chemical fires. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

### SECTION 6: Accidental release measures

#### 6.1. Personal precautions, protective equipment and emergency procedures

Wear suitable protective equipment. Flammable liquid. Avoid sparks, flames, heat and sources of ignition.

#### 6.2. Environmental precautions

Advise local authorities if large spills cannot be contained.

#### 6.3. Methods and material for containment and cleaning up

Absorb with inert, absorbent material. Sweep up. Transfer to suitable, labelled containers for disposal. Avoid sparks, flames, heat and sources of ignition.

#### 6.4. Reference to other sections

See section 2, 7, 8, 13 for further information.

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

Adopt best Manual Handling considerations when handling, carrying and dispensing.

#### 7.2. Conditions for safe storage, including any incompatibilities


#### 7.3. Specific end use(s)

No data is available on this product.

**Suitable packaging**

Plastic containers.

### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

Occupational exposure controls.

#### 8.1.1. Exposure Limit Values
8.1.1. Exposure Limit Values

<table>
<thead>
<tr>
<th>Substance</th>
<th>2-butoxyethanol</th>
<th>Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, &lt;2% aromatics</th>
</tr>
</thead>
<tbody>
<tr>
<td>WEL 8-hr limit ppm:</td>
<td>25</td>
<td>1200</td>
</tr>
<tr>
<td>WEL 15 min limit ppm:</td>
<td>50</td>
<td></td>
</tr>
<tr>
<td>WEL 8-hr limit mg/m³ total - inhalable dust:</td>
<td>123</td>
<td></td>
</tr>
<tr>
<td>WEL 15 min limit mg/m³ total - inhalable dust:</td>
<td>101.2</td>
<td></td>
</tr>
<tr>
<td>WEL 8-hr limit mg/m³ total - respirable dust:</td>
<td>50</td>
<td></td>
</tr>
<tr>
<td>WEL 15 min limit mg/m³ total - respirable dust:</td>
<td>101.2</td>
<td></td>
</tr>
</tbody>
</table>

DNEL: Derived no-effect level.

Exposure Pattern - Workers

<table>
<thead>
<tr>
<th>Substance</th>
<th>2-butoxyethanol</th>
<th>Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, &lt;2% aromatics</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acute inhalation - Systemic effects</td>
<td>1091 mg/m³</td>
<td></td>
</tr>
<tr>
<td>Acute inhalation - Local effects</td>
<td>246 mg/m³</td>
<td></td>
</tr>
<tr>
<td>Long-term - Inhalation - Systemic effects</td>
<td>98 mg/m³</td>
<td></td>
</tr>
<tr>
<td>Acute dermal - Systemic effects</td>
<td>89 mg/kg</td>
<td></td>
</tr>
</tbody>
</table>

Exposure Pattern - General population

<table>
<thead>
<tr>
<th>Substance</th>
<th>2-butoxyethanol</th>
<th>Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, &lt;2% aromatics</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acute inhalation - Systemic effects</td>
<td>426 mg/m³</td>
<td></td>
</tr>
<tr>
<td>Acute dermal - Systemic effects</td>
<td>89 mg/kg</td>
<td></td>
</tr>
<tr>
<td>Long-term - Inhalation - Systemic effects</td>
<td>59 mg/m³</td>
<td>147 mg/m³</td>
</tr>
<tr>
<td>Acute oral - Systemic effects</td>
<td>26.7 mg/kg</td>
<td></td>
</tr>
<tr>
<td>Long-term - Oral - Systemic effects</td>
<td>75 mg/kg</td>
<td>6.3 mg/kg</td>
</tr>
</tbody>
</table>

8.2. Exposure controls

8.2.1. Appropriate engineering controls
Adopt best Manual Handling considerations when handling, carrying and dispensing. Avoid contact with skin and eyes. Handle in accordance with good industrial hygiene and safety practice. Use appropriate personal protective equipment. Wear suitable protective clothing and eye/face protection.

Eye / face protection
Avoid contact with eyes. If splashes are likely to occur, wear: safety glasses with side-shields.

Skin protection - Handprotection
Choose gloves to protect hands against chemicals depending on the concentration and quantity of the hazardous substance and specific to place of work. For special applications, we recommend clarifying the resistance to chemicals of the aforementioned protective gloves with the glove manufacturer. Chemical resistant gloves. Nitrile rubber gloves.

Skin protection - Other
Use barrier creams to prevent skin contact. Provide eyewash station and safety shower. Wear appropriate clothing to prevent repeated or prolonged skin contact.

Respiratory protection
In case of insufficient ventilation, wear suitable respiratory equipment.

Prevent further leakage or spillage if safe to do so.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties
9.1. Information on basic physical and chemical properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>Liquid</td>
</tr>
<tr>
<td>Colour</td>
<td>Colourless</td>
</tr>
<tr>
<td>Odour</td>
<td>Characteristic</td>
</tr>
<tr>
<td>Odour threshold</td>
<td>No data available</td>
</tr>
<tr>
<td>pH</td>
<td>No data available</td>
</tr>
<tr>
<td>Melting point</td>
<td>No data available</td>
</tr>
<tr>
<td>Initial boiling point</td>
<td>No data available</td>
</tr>
<tr>
<td>Flash point</td>
<td>53 °C</td>
</tr>
<tr>
<td>Evaporation rate</td>
<td>No data available</td>
</tr>
<tr>
<td>Flammability (solid, gas)</td>
<td>No data available</td>
</tr>
<tr>
<td>Vapour pressure</td>
<td>No data available</td>
</tr>
<tr>
<td>Vapour density</td>
<td>No data available</td>
</tr>
<tr>
<td>Relative density</td>
<td>No data available</td>
</tr>
<tr>
<td>Partition coefficient</td>
<td>No data available</td>
</tr>
<tr>
<td>Autoignition temperature</td>
<td>No data available</td>
</tr>
<tr>
<td>Viscosity</td>
<td>&lt; 100 centipoise</td>
</tr>
<tr>
<td>Explosive properties</td>
<td>No data available</td>
</tr>
<tr>
<td>Oxidising properties</td>
<td>No data available</td>
</tr>
<tr>
<td>Solubility</td>
<td>Insoluble in water</td>
</tr>
</tbody>
</table>

9.2. Other information

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Conductivity</td>
<td>No data available</td>
</tr>
<tr>
<td>Surface tension</td>
<td>No data available</td>
</tr>
<tr>
<td>Gas group</td>
<td>No data available</td>
</tr>
<tr>
<td>Benzene Content</td>
<td>No data available</td>
</tr>
<tr>
<td>Lead content</td>
<td>No data available</td>
</tr>
<tr>
<td>VOC (Volatile organic compounds)</td>
<td>No data available</td>
</tr>
</tbody>
</table>

SECTION 10: Stability and reactivity

10.1. Reactivity

Flammable liquid. Stable under normal conditions.

10.2. Chemical stability

Flammable liquid. Stable under normal conditions.

10.3. Possibility of hazardous reactions

Oxidising agents. Combustible materials.

10.4. Conditions to avoid

Avoid sparks, flames, heat and sources of ignition. Avoid storing in direct Sun Light.

10.5. Incompatible materials

Oxidising agents.

10.6. Hazardous decomposition products

No Hazardous decomposition products when stored and handled correctly. Burning produces irritating, toxic and obnoxious fumes.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

**Acute toxicity**

This mixture has not been tested as a whole for health effects. The health effects have been calculated using the methods outlined in Regulation (EC) No 1272/2008 (CLP). Based on available data the classification criteria are not met.
11.1. Information on toxicological effects

<table>
<thead>
<tr>
<th>Effect Type</th>
<th>Classification Criteria</th>
</tr>
</thead>
<tbody>
<tr>
<td>Skin corrosion/irritation</td>
<td>Based on available data the classification criteria are not met.</td>
</tr>
<tr>
<td>Serious eye damage/irritation</td>
<td>Based on available data the classification criteria are not met.</td>
</tr>
<tr>
<td>Respiratory or skin sensitisation</td>
<td>Based on available data the classification criteria are not met.</td>
</tr>
<tr>
<td>Germ cell mutagenicity</td>
<td>Based on available data the classification criteria are not met.</td>
</tr>
<tr>
<td>Carcinogenicity</td>
<td>Based on available data the classification criteria are not met.</td>
</tr>
<tr>
<td>Reproductive toxicity</td>
<td>Based on available data the classification criteria are not met.</td>
</tr>
<tr>
<td>STOT - single exposure</td>
<td>STOT SE 3: H336 - May cause drowsiness or dizziness.</td>
</tr>
<tr>
<td>STOT - repeated exposure</td>
<td>Based on available data the classification criteria are not met.</td>
</tr>
<tr>
<td>Aspiration hazard</td>
<td>Asp. Tox. 1: H304 - May be fatal if swallowed and enters airways.</td>
</tr>
</tbody>
</table>

11.1.2. Mixtures

No data available.

11.1.3. Hazard Information

No data available.

11.1.4. Toxicological Information

<table>
<thead>
<tr>
<th>Substance</th>
<th>Oral Rat LD50:</th>
<th>Dermal Rabbit LD50:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, &lt;2% aromatics</td>
<td>&gt;5000mg/kg</td>
<td>&gt;5000mg/kg</td>
</tr>
</tbody>
</table>

SECTION 12: Ecological information

12.1. Toxicity

<table>
<thead>
<tr>
<th>Substance</th>
<th>EC50 for marine or freshwater organisms</th>
<th>LC50 for marine or freshwater organisms</th>
</tr>
</thead>
<tbody>
<tr>
<td>2-butoxyethanol</td>
<td>&gt;100,000 mg/l</td>
<td>&gt;100,000 mg/l</td>
</tr>
<tr>
<td>Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, &lt;2% aromatics</td>
<td>Daphnia EC50/48: 1000.0000 mg/l</td>
<td>Fish LC50/96h: 10000.0000 mg/l</td>
</tr>
</tbody>
</table>

12.2. Persistence and degradability

Substance biodegrades at a moderate rate and inherently biodegradable according to the OECD guidelines.

12.3. Bioaccumulative potential

No data is available on this product.

Partition coefficient

<table>
<thead>
<tr>
<th>Substance</th>
<th>Tar and Glue Remover</th>
<th>2-butoxyethanol</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tar and Glue Remover</td>
<td>No data available</td>
<td>0.8 log P</td>
</tr>
</tbody>
</table>

12.4. Mobility in soil

No data is available on this product.

12.5. Results of PBT and vPvB assessment

No data is available on this product.

12.6. Other adverse effects

No data available.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Dispose of waste and residues in accordance with local authority requirements.

General information
### General information
Dispose of in compliance with all local and national requirements.

### Disposal of packaging
Do NOT reuse empty containers. Empty containers can be sent to landfill after cleaning, if in compliance with local and national regulations.

## SECTION 14: Transport information

### Hazard pictograms
![Hazard pictogram]

### 14.1. UN number
UN3295

### 14.2. UN proper shipping name
HYDROCARBONS, LIQUID, N.O.S.

### 14.3. Transport hazard class(es)
<table>
<thead>
<tr>
<th>ADR/RID</th>
<th>UN3295</th>
</tr>
</thead>
<tbody>
<tr>
<td>Subsidiary risk</td>
<td>3</td>
</tr>
<tr>
<td>IMDG</td>
<td>-</td>
</tr>
</tbody>
</table>

### 14.4. Packing group
Packing group III

### 14.5. Environmental hazards
Environmental hazards No
Marine pollutant No

### 14.6. Special precautions for user
No additional special precautions.

### 14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code
Not applicable.

### ADR/RID
| Hazard ID | 30 |
| Tunnel Category | (D/E) |

### IMDG
| EmS Code | F-E S-D |

### IATA
| Packing Instruction (Cargo) | 366 |
| Maximum quantity | 220 L |
| Packing Instruction (Passenger) | 355 |
| Maximum quantity | 60 L |

## SECTION 15: Regulatory information
# Tar and Glue Remover

## 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

<table>
<thead>
<tr>
<th>Regulations</th>
</tr>
</thead>
</table>

## 15.2. Chemical safety assessment

No information available.

## SECTION 16: Other information

### Other information

#### Data sources

Classification and Procedure used to derive the classification for mixtures according to Regulation (EC) No. 1272/2008:

- Flam. Liq. 3: H226 - Flammable liquid and vapour. - Flash Point - 55 degC.
- Asp. Tox. 1: H304 - May be fatal if swallowed and enters airways. - Calculation Method.
- STOT SE 3: H336 - May cause drowsiness or dizziness. - Calculation Method.

#### Text of Hazard Statements in Section 3

- Flam. Liq. 3: H226 - Flammable liquid and vapour.
- Asp. Tox. 1: H304 - May be fatal if swallowed and enters airways.
- STOT SE 3: H336 - May cause drowsiness or dizziness.
- EUH066 - Repeated exposure may cause skin dryness or cracking.
- Acute Tox. 4: H302 - Harmful if swallowed.
- Acute Tox. 4: H312 - Harmful in contact with skin.
- Skin Irrit. 2: H315 - Causes skin irritation.
- Eye Irrit. 2: H319 - Causes serious eye irritation.
- Acute Tox. 4: H332 - Harmful if inhaled.

### Further information

The information supplied in this Safety Data Sheet is designed only as guidance for the safe use, storage and handling of the product. This information is correct to the best of our knowledge and belief at the date of publication however no guarantee is made to its accuracy. This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process.